

4-Benzyloxy-1-dimethyldodecylsilyloxybenzene

Inchi: InChI=1S/C27H42O2Si/c1-4-5-6-7-8-9-10-11-12-16-23-30(2,3)29-27-21-19-26(20-22-27)
InchiKey: IQEGNKXCXPXJIT-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCC[Si](C)(C)Oc1ccc(OCc2ccccc2)cc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.31		Crippen Method
logp	8.770		Crippen Method
rinpol	3061.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307903&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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